



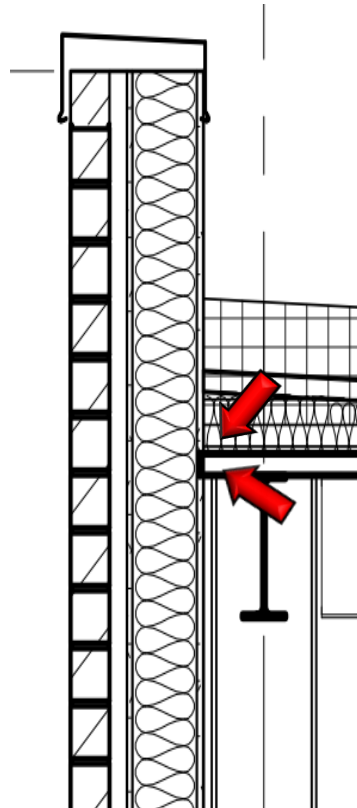
**As of July 1, 2019 – Illinois Law requires the use of the 2018 IECC Energy Code, with a few amendments.**

**One such amendment is:**

**C402.5.1.1(3) Air barrier construction** - *Paths for air leakage from the building to the space between the roof deck and roof covering used as an air barrier, shall be caulked, gasketed or otherwise covered with at least a moisture vapor-permeable material.*

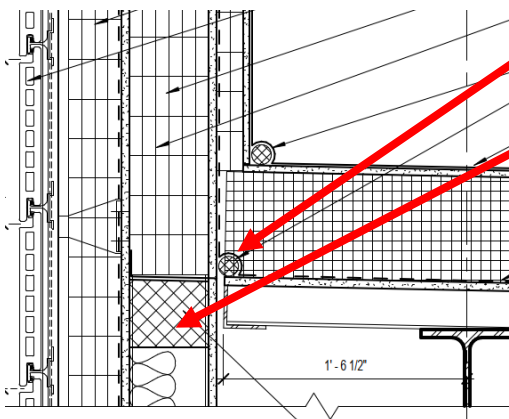


This is what the code is trying to prevent



1. We could try and seal from the underside, but this is difficult due to structural obstacles.
2. We could add a vapor barrier that gets sealed (*which requires a sealant joint at the termination*) to the inside parapet wall
3. We could add SPF at the inside corner at the roof insulation and the metal deck

**What this will now require on all Illinois buildings (heated) is that we need to close off the roof from the building, something that we have been suggesting over the past several years, is now a **LAW**.**



Detail showing proper seal at the roof deck

Detail showing proper seal at the interior of parapet wall (when the CFMF is a curtainwall) – *not required, but recommended*

**Make sure that we scope in this added work, which is likely not in the drawings or specifications.**

**Please contact the Quality Department for further discussion/verification of the detailing on YOUR building.**

